

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"6553206"	US-PGPUB; USPAT	OR	ON	2007/07/25 08:29
L3	11	"6070041"	US-PGPUB; USPAT	OR	ON	2007/07/25 09:34
L4	4	"5600404"	US-PGPUB; USPAT	OR	ON	2007/07/25 09:34
L5	5	("4916547"   "4937664"   "5160946"   "5412577"   "5452073").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:55
L6	50	("4916547").URPN.	USPAT	OR	ON	2007/07/25 10:54
L7	13	"5309258"	USPAT	OR	ON	2007/07/25 10:58
L8	2	"6879416"	USPAT	OR	ON	2007/07/25 11:06
L9	9	"5742867"	USPAT	OR	ON	2007/07/25 11:06
L10	1	"20020102114"	US-PGPUB; USPAT	OR	ON	2007/07/25 11:13
L11	1	"20040258437"	US-PGPUB; USPAT	OR	ON	2007/07/25 11:16
L12	17	"5768671"	US-PGPUB; USPAT	OR	ON	2007/07/25 11:18
L13	2	"6674988"	US-PGPUB; USPAT	OR	ON	2007/07/25 11:19
L14	10	"5339159"	US-PGPUB; USPAT	OR	ON	2007/07/25 11:21
L15	10	"6381037"	US-PGPUB; USPAT	OR	ON	2007/07/25 11:23
L16	1	"7190488"	US-PGPUB; USPAT	OR	ON	2007/07/25 11:23
S1	5	TOUURA-KOUSUKE	US-PGPUB; USPAT	OR	ON	2007/07/23 09:15
S2	6	("5805314"   "5991558"   "6115561"   "6148158"   "6185386"   "6898381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 09:16
S3	0	("7167658").URPN.	USPAT	OR	ON	2007/07/23 10:53
S4	0	"20030052958"	USPAT	OR	ON	2007/07/23 10:53
S5	1	"20030052958"	US-PGPUB; USPAT	OR	ON	2007/07/23 11:46
S6	6269	misregist\$6 and tim\$3	US-PGPUB; USPAT	OR	ON	2007/07/23 11:47
S7	7246	mis\$1regist\$6 and tim\$3	US-PGPUB; USPAT	OR	ON	2007/07/23 11:48

## EAST Search History

S8	1936	misregist\$6 same tim\$3	US-PGPUB; USPAT	OR	ON	2007/07/23 11:49
S9	1281	S8 and correct\$4	US-PGPUB; USPAT	OR	ON	2007/07/23 11:49
S10	916	S9 and sens\$3	US-PGPUB; USPAT	OR	ON	2007/07/23 11:50
S11	3233	gradation with (pattern or patch)	US-PGPUB; USPAT	OR	ON	2007/07/23 11:51
S12	3	S10 and S11	US-PGPUB; USPAT	OR	ON	2007/07/23 11:51
S13	0	("2006/0002723").URPN.	USPAT	OR	ON	2007/07/23 11:53
S14	21261	test adj2 pattern	US-PGPUB; USPAT	OR	ON	2007/07/24 08:20
S15	1938	misregist\$6 same tim\$3	US-PGPUB; USPAT	OR	ON	2007/07/24 08:20
S16	1283	S15 and correct\$4	US-PGPUB; USPAT	OR	ON	2007/07/24 08:20
S17	918	S16 and sens\$3	US-PGPUB; USPAT	OR	ON	2007/07/24 08:20
S18	64	S14 and S17	US-PGPUB; USPAT	OR	ON	2007/07/24 08:22
S19	3236	gradation with (pattern or patch)	US-PGPUB; USPAT	OR	ON	2007/07/24 08:22
S20	3236	S19	US-PGPUB; USPAT	OR	ON	2007/07/24 08:22
S21	3	S18 and S20	US-PGPUB; USPAT	OR	ON	2007/07/24 08:29
S22	0	("2006/0002723").URPN.	USPAT	OR	ON	2007/07/24 08:22
S23	90	S14 and S15	US-PGPUB; USPAT	OR	ON	2007/07/24 08:29
S24	68	S23 and sens\$3	US-PGPUB; USPAT	OR	ON	2007/07/24 08:29
S25	64	S24 and correct\$4	US-PGPUB; USPAT	OR	ON	2007/07/24 08:34
S26	3	S19 and S25	US-PGPUB; USPAT	OR	ON	2007/07/24 08:30
S27	3	S25 and gradation	US-PGPUB; USPAT	OR	ON	2007/07/24 08:30
S28	58	S25 and (print\$3 or cop\$3)	US-PGPUB; USPAT	OR	ON	2007/07/24 08:34
S29	3	("5694223"   "5710836"   "6249357").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 09:30

## EAST Search History

S30	22	AIDC adj1 pattern	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 09:31
S31	2	misregist\$6 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 09:33
S32	7480	misregist\$6	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 09:33
S33	4302	S32 and (patch or pattern)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 09:38
S34	2401	S33 and sens\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 09:38
S35	4435	gradation with correct\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 09:39
S36	48	S34 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:34
S37	1	("6029021").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 10:07
S38	3	("6898381").URPN.	USPAT	OR	ON	2007/07/24 10:59
S39	12	"6148168"	USPAT	OR	ON	2007/07/24 11:20
S40	4	("5373355"   "5537190"   "5873011"   "5970276").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 10:59
S41	11	("6148168").URPN.	USPAT	OR	ON	2007/07/24 11:17
S42	0	"20030210412"	USPAT	OR	ON	2007/07/24 11:17
S43	1	"20030210412"	US-PGPUB; USPAT	OR	ON	2007/07/24 11:17
S44	13	"6148168"	US-PGPUB; USPAT; JPO	OR	ON	2007/07/24 11:23
S45	8	7-19084	US-PGPUB; USPAT; JPO	OR	ON	2007/07/24 11:23
S46	5	"6731889"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:45
S47	35	"5452073"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 12:59

## EAST Search History

S48	26	"4980760"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 13:01
S49	4	"6285839"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 13:07
S50	10	"5511035"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 13:08
S51	1	"6968148"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 13:25
S52	5	"6462838"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 13:26
S53	5	"5253031"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 13:28
S54	17	"6118463"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 13:30
S55	3	"6879416"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 13:32
S56	1	"20040130737"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 13:32
S57	11	("20030049040"   "20030085941"   "20030090693"   "20030091357"   "5963756"   "6070022"   "6172771"   "6181892"   "6185386"   "6215562"   "6731889").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 14:00

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control image forming timing, misregistration, patch pattern

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### **Color image forming apparatus having misregistration correction ...**

Color image forming apparatus providing registration control for .... second detection means for detecting a forming start timing of the test pattern; and ...

[www.patentstorm.us/patents/5768671-claims.html](http://www.patentstorm.us/patents/5768671-claims.html) - 27k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Image forming apparatus with paper transport system timing control ...**

Here, the image forming processing control performed by the image forming ..... This timing deviation corresponds to a misregistration of the positional ...

[www.patentstorm.us/patents/6301451-description.html](http://www.patentstorm.us/patents/6301451-description.html) - 84k -

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### **Image forming device and color misregistration correction method ...**

Other image forming devices control the timing of recording start signals. .... each pattern being formed by forming the correction patch image on the ...

[www.freepatentsonline.com/20050047834.html](http://www.freepatentsonline.com/20050047834.html) - 114k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Image forming apparatus with paper transport system timing control ...**

The image forming apparatus according to claim 1, wherein the control unit .... toner patch on the image carrier 41 in turn requires a pattern generator, ...

[www.freepatentsonline.com/6301451.html](http://www.freepatentsonline.com/6301451.html) - 95k - [Cached](#) - [Similar pages](#) - [Note this](#)

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### **Image forming apparatus and patch detection method - Patent Review ...**

a second detector, adapted to detect a patch formed by said image forming unit in order to control a timing of operation of said first detector; and ...

[www.wikipatents.com/6731889.html](http://www.wikipatents.com/6731889.html) - 174k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Multi-image forming apparatus having registration error correction ...**

2 is a timing chart showing the timings of pattern image writing in the image ....

Consequently, in a mode for forming the image pattern and the patch, ...

[www.wikipatents.com/5452073.html](http://www.wikipatents.com/5452073.html) - 144k - [Cached](#) - [Similar pages](#) - [Note this](#)

[ [More results from www.wikipatents.com](#) ]

### **EP427506 Xerox european software patent - Electronic color ...**

The optical image bar generates line-like image ray patterns, .... be positioned adjacent the paper path sensing, for example, a control patch on the paper. ...

[gauss.fii.org/PatentView/EP427506](http://gauss.fii.org/PatentView/EP427506) - 37k - [Cached](#) - [Similar pages](#) - [Note this](#)

### **Reston, Virginia, USA Patent Applications**

20070052957 - Image forming apparatus capable of producing a high-precision ...

20070054493 - Methods of forming patterns using phase change material and ...

[www.freshpatents.com/USAVirginia-cy1-Reston.php](http://www.freshpatents.com/USAVirginia-cy1-Reston.php) - 92k -

[Cached](#) - [Similar pages](#) - [Note this](#)

### **Guide 1: Planning an Imaging Project**

Occasionally, repetitive streak patterns, called rastering, can occur across a scanned image. 3.5.4 Color misregistration. Color misregistration is the ...

[www.rlg.org/legacy/visguides/visguide2.html](http://www.rlg.org/legacy/visguides/visguide2.html) - 70k - [Cached](#) - [Similar pages](#) - [Note this](#)

### Xerox Technology - Recently Issued Xerox Patents

**Timing control** unit and color **image forming** apparatus using the same ... Recognizing a print inhibit **image pattern** using **image** data converted for fast ...

[www.xeroxtechnology.com/ip1.nsf/sedan1?readform&unid=640EDE46D9F9E00085256D1E0065D577](http://www.xeroxtechnology.com/ip1.nsf/sedan1?readform&unid=640EDE46D9F9E00085256D1E0065D577) - 374k - [Cached](#) - [Similar pages](#) - [Note this](#)

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### Image adjusting method and image forming apparatus - US Patent 6968148

Hence, **image forming** states such as the **density** of **image**, thickness, ..... is **patch images** of colors having **image** densities in **low**, medium and **high** level. ...

[www.patentstorm.us/patents/6968148-description.html](http://www.patentstorm.us/patents/6968148-description.html) - 108k -

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### Apparatus for forming superimposed image patterns having ...

a **pattern image density** measuring means for measuring the **density** of the **pattern image**; and a **timing control** means which performs **control** in such a sequence ...

[www.patentstorm.us/patents/6148168-description.html](http://www.patentstorm.us/patents/6148168-description.html) - 70k -

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### Image forming apparatus - Patent 20060002723

An **image forming** apparatus includes an **image density control** feature ... **lower** state than the state of the developer at the **time** the **patch image** was formed. ...

[www.freepatentsonline.com/20060002723.html](http://www.freepatentsonline.com/20060002723.html) - 93k - [Cached](#) - [Similar pages](#) - [Note this](#)

### Patents in Class 399/49

305, US5953554, **Image forming** apparatus with a toner **density** measuring function ...

**Image forming** apparatus having **high image** quality **control** mechanism ...

[www.freepatentsonline.com/CCL-399-49-p7.html](http://www.freepatentsonline.com/CCL-399-49-p7.html) - 42k - [Cached](#) - [Similar pages](#) - [Note this](#)

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### Guide 1: Planning an Imaging Project

Flare is non-**image-forming** light with little to no spatial detail content. .... Finely incremented gray patches in the **high**- and **low-density** portions of ...

[www.rlg.org/legacy/visguides/visguide2.html](http://www.rlg.org/legacy/visguides/visguide2.html) - 70k - [Cached](#) - [Similar pages](#) - [Note this](#)

### Image forming apparatus and patch detection method - Patent Review ...

L is made **high** and the light source is turned on, when at **time** t1 the leading edge of ....

Previous Patent (**Image forming control** using **density** detection) ...

[www.wikipatents.com/6731889.html](http://www.wikipatents.com/6731889.html) - 174k - [Cached](#) - [Similar pages](#) - [Note this](#)

### Image processing apparatus - Patent Review 4980760

The **patch image** data for toner **density** detection is used during **patch** ... The driver 96 is controlled by a **control** signal from a **timing** circuit 97 so as to ...

[www.wikipatents.com/4980760.html](http://www.wikipatents.com/4980760.html) - 183k - [Cached](#) - [Similar pages](#) - [Note this](#)

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### Remote Sensing of Environment : Comparison of burned area ...

The human **control** on the **timing** of burning in savannas makes that early season fires ...

When burned areas are fragmented and have a **low** spatial **density**, ...

[linkinghub.elsevier.com/retrieve/pii/S0034425705000878](http://linkinghub.elsevier.com/retrieve/pii/S0034425705000878) - [Similar pages](#) - [Note this](#)

### Remote Sensing of Environment : Cover- and density-based ...

Though the dielectric constant of water is **high**, the **low** soil moisture of ..... to collect ground **control** points (GCPs) on one of these **images** for use in ...

linkinghub.elsevier.com/retrieve/pii/S0034425704002093 - [Similar pages](#) - [Note this](#)

[Optical random access memory having diffractive simplex imaging ...](#)

Intervening **misregistration** of the **high density** optical components can cause ..... A

**timing control** 139 provides in a manner known per se, a sequence of ...

[www.patentmonkey.com/PM/PatentID/5511035.aspx](http://www.patentmonkey.com/PM/PatentID/5511035.aspx) - 130k -

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gradation patch pattern misregistration method

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### Image processing apparatus, image processing **method**, and storage ...

12 is a view showing a generation example of **patch patterns** in density correction ..... if a mechanical plate deviation due to color **misregistration** occurs, ...

www.patentstorm.us/patents/6879416-description.html - 88k -

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### Dynamic creation of color test **patterns** for improved color ...

Dynamic creation of color test **patterns** for improved color calibration - US Patent 6381037 from Patent Storm. A **method** for calibrating a printer includes ...

www.patentstorm.us/patents/6381037-description.html - 48k -

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### Image forming apparatus and **method** - Patent 7190488

1 and 2, the image **gradation** is artificially broadened by the screen processing .... The **misregistration** detecting part 422 compares test **pattern** image data ...

www.freepatentsonline.com/7190488.html - 47k - [Cached](#) - [Similar pages](#) - [Note this](#)

### Image forming apparatus and **method** - Patent 20030174364

1 and 2, the image **gradation** is artificially broadened by the screen ..... [0125] The **misregistration** may also be detected in a manner that a **patch** is ...

www.freepatentsonline.com/20030174364.html - 45k - [Cached](#) - [Similar pages](#) - [Note this](#)

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### Color image forming apparatus invention

[0006] As a countermeasure to such **misregistration**, Japanese Patent Application Laid-open No. 2002-116394 discloses a **method**, in an assembling step of the ...

www.freshpatents.com/Color-image-forming-apparatus-dt20061228ptan20060290767.php - 27k - Supplemental Result - [Cached](#) - [Similar pages](#) - [Note this](#)

### Color image forming apparatus invention

2002-116394 discloses a **method**, in an assembling step of the deflection scanning ..... 11A and 11B show a **misregistration** measuring **patch** 65 formed on a ...

www.freshpatents.com/Color-image-forming-apparatus-dt20061228ptan20060290767.php?type=description - 66k - Supplemental Result - [Cached](#) - [Similar pages](#) - [Note this](#)

### [PDF] 1. Tools Mode

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The Check **Gradation** feature allows you to print gradated color **patch** prints for ..... Refer to the Measuring **Mis-registration** figure below. ...

download.support.xerox.com/pub/docs/Creo\_CXP6000/userdocs/any-os/en/6060sag\_chap1\_April2005.pdf - [Similar pages](#) - [Note this](#)

### [PDF] Color Guide

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eliminating white gaps and reducing halo effects or **misregistration** of colors ..... should show uniform **gradation** from **patch** to **patch** as the color lightens ...

download.support.xerox.com/pub/docs/DocuColor\_3535/userdocs/any-os/en/EX3535\_Color\_Guide.pdf - [Similar pages](#) - [Note this](#)

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**Image processing apparatus - Patent Review 4980760**

In order to provide sufficient **gradation** levels to the image recording apparatus ..... The color ghost can be eliminated by a color **pattern method** because a ...  
[www.wikipatents.com/4980760.html](http://www.wikipatents.com/4980760.html) - 183k - [Cached](#) - [Similar pages](#) - [Note this](#)

**Premier Print**

**GRADATION** A smooth transition between shades. **GRAIN** The extent to which an overall granulated **pattern** appears in a photograph, due to chemical and physical ...  
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